INDEX

A

Abdullah, A. F., *see* Gardner, W. J., 65
Achlorhydria, simple, pernicious anemia and carcinoma of esophagus and stomach, epithelial cells exfoliated from upper gastrointestinal tract of patients with, 506
Adrenergic blockade and rauwolfia, combination of, in treatment of hypertension, 33
Adults, aortic insufficiency among young, 197
Age, relationship of mortality from myocardial infarction to pathologic findings and, 380
Aikawa, J. K., and Carlson, W. R., Rectal absorption of mercaptomerin labeled with Hg^{203}, 622
Albert, S. N., *see* Fazekas, J. F., *et al.*, 128
Albuquerque, D. de, *see* Nodine, J. H., *et al.*, 397
Alcock, A. J. W., *see* Taylor, J. R., *et al.*, 536
Alcohol and chlorpromazine, influence of, on cerebral hemodynamics and metabolism, 128
Aldrich, R. A., Labbe, R. F., and Talman, E. L., Porphyrin metabolism with special reference to childhood, 675
Allen, G. E., Rogers, F. B., and Lansbury, J., Osteogenesis imperfecta tarda with hyperuricemia and gout, 30
Allergy, penicillin, evaluation of skin testing methods in diagnosis of, 370
Alman, R. W., *see* Fazekas, J. F., *et al.*, 128
Alphaprodine HCl (Nisentil HCl) and levallorphan tartrate, effects of, on respiration, 237
Altman, M. A., *see* Collens, W. S., *et al.*, 190
Amylase, serum, and lipase in mumps, 161
Amyloidosis, primary systemic, nephrotic syndrome and chronic hypotension associated with, 299
Andreae, E., and Smith, F. E., Jr., Effect of oral reserpine on renal plasma flow in hypertension, 45
Anemia, pernicious, simple achlorhydria and carcinoma of esophagus and stomach, epithelial cells exfoliated from upper gastrointestinal tract of patients with, 506
Anemias, certain refractory, cobaltous chloride in, 264
of obscure etiology, significance of Heinz bodies in, 143
Angina pectoris, treatment of, with nitroglycerin ointment, 259
Antagonistic action of parasympathetic and sympathetic systems, clinical example of: parotid pain following superior cervical ganglionectomy, 65
Aorta, plasma and liver of rabbits, effects of high cholesterol diet alone and plus cortisone on phospholipid turnover and lipid partition in, 427
Aortic arteriosclerosis, severity of, in certain diseases, 385
insufficiency among young adults, 197
Aramine (metaraminol): vasopressor agent: use in shock, 357
Arrhythmias, cardiac, in older age group following thoracic surgery, 541
Arteriosclerosis, aortic, severity of, in certain diseases, 385
Arthritis, rheumatoid, local cutaneous response of nicotinic acid and esters as diagnostic aid for, 657
Atria, retrograde conduction of ventricular extrasystoles to, 293
Atrophy, cerebral, electroencephalogram in, 178

B

Baird, W. F., *see* Creed, D. L., *et al.*, 385
Balestrieri, A., Greenstein, L., and Strauss, H., Electroencephalogram in cerebral atrophy, 178
Batterman, R. C., *see* Leifer, P., 657
Baum, G. L., and Schwarz, J., Coccidioidomycosis, 82
Beazley, H. L., *see* Moyer, J. H., *et al.*, 33
Beer in low salt diet of renal disease, 49
Beerman, H., Some aspects of dermatology in neurology, 441
Bellet, S., *see* Braun, H. A., *et al.*, 147
Bernstein, L. H. T., *see* Weinsaft, P. P., 264
Bilirubin in plasma, simple micromethod for determination of, 633
Blockade, adrenergic, and rauwolfia, combination of, in treatment of hypertension, 33
Blocking agents, ganglionic, comparative effects of four, on cardiovascular system of man, 133

Blood flow, cerebral, of elderly state hospital patients, effect of heparin on, 61
hospital usage of, 251
Bowden, D. H., and Donohue, W. L., Jaundice in neonatal period, 305
Brambel, C. E., Corwin, A. H., and Capone, V. A., Mechanism of action of heparin as etiological basis for homeostasis (hemorrhage and thrombosis), 276
Braun, H. A., Surawicz, B., and Bellet, S., T waves in hyperpotassemia, 147
Brick, I. B., *see* Palmer, E. D., 515
Bronchogenic carcinoma, certain sex factors and hormone treatment in, 157
Brown, A. E., *see* Smith, C. W., *et al.*, 415
Bruce, R. A., Merendino, K. A., and Lipshay, B., Effects of potassium and cortisone on morbidity and hyponatremia following mitral valve surgery, 392
see Smart, T. B., 380
Burchell, H. B., *see* Chelton, L. G., 54
Bussan, R., Torin, S., and Scherf, D., Retrograde conduction of ventricular extrasystoles to atria, 293

C

Calculi, renal, and hyaluronidase in poliomyelitis, 536
Cancer of cervix, five-year survey of literature in, 698
Capone, V. A., *see* Brambel, C. E., *et al.*, 276
Carcinoma, bronchogenic, certain sex factors and hormone treatment in, 157
of esophagus and stomach, pernicious anemia and simple achlorhydria, epithelial cells exfoliated from upper gastrointestinal tract of patients with, 506
of head of pancreas and periampullary region, 200
Cardiac arrhythmias in older age group following thoracic surgery, 541
Cardiovascular renal functions in man, simultaneous determination of, by constant infusion technique, 648
system of man, comparative effects of four ganglionic blocking agents on, 133
Carlson, W. R., *see* Aikawa, J. K., 622
Cassidy, J. E., *see* Olmstead, E. G., *et al.*, 49
Cells, epithelial, exfoliated from upper gastrointestinal tract of patients with pernicious anemia, simple achlorhydria and carcinoma of esophagus and stomach, 506
Cerebral atrophy, electroencephalogram in, 178
blood flow of elderly state hospital patients, effect of heparin on, 61
hemodynamics and metabolism, influence of chlorpromazine and alcohol on, 128
Cervical ganglionectomy, superior, parotid pain following: clinical example of antagonistic action of parasympathetic and sympathetic systems, 65
Cervix, cancer of, five-year survey of literature in, 698
Chelton, L. G., and Burchell, H. B., Unusual RT segment deviations in electrocardiograms of normal persons, 54
Childhood, porphyrin metabolism in, 675
Chloral and ethinamate, comparison of hypnotic effects of, 528
Chlorpromazine and alcohol, influence of, on cerebral hemodynamics and metabolism, 128
and reserpine, effects of, on gastric secretion, 601
Cholesterol diet, high, effects of, alone and plus cortisone on phospholipid turnover and lipid partition in plasma, liver, and aorta of rabbits, 427
level, serum, and lipoprotein pattern, effect of sitosterol administration upon, 636
Cirrhosis of liver, relationship of, to hypertension, 627
Claudication, intermittent, method for quantitating: motorized treadmill, 190
Cobaltous chloride in certain refractory anemias, 264
Coccidioidomycosis, 82
Cohen, A. C., and Glinsky, G. C., Virulence of isoniazid-resistant tubercle bacilli in man, 70
Collens, W. S., Altman, M. A., and Stern, A. B., Motorized treadmill: method for quantitating intermittent claudication, 190
Conduction, retrograde, of ventricular extrasystoles to atria, 293
Coronary insufficiency, chronic, pentaerythritol tetranitrate in, 254
Cortisone, high cholesterol diet alone and plus, effects of, on phospholipid turnover and lipid partition in plasma, liver, and aorta of rabbits, 427
and potassium, effects of, on morbidity and hyponatremia following mitral valve surgery, 392
Corwin, A. H., *see* Brambel, C. E., *et al.*, 276
Cotten, H. B., Herren, W. S., McAdory, W. C., and Klapper, M. S., *Rauwolfia serpentina* in hypertension, 408

Creed, D. L., Baird, W. F., and Fisher, E. R., Severity of aortic arteriosclerosis in certain diseases, 385
Cryoglobulinemia associated with gangrene of digits, 499
Cutaneous response, local, of nicotinic acid and esters as diagnostic aid for rheumatoid arthritis, 657

D

Davis, J. A., and Wiesel, B. H., Treatment of angina pectoris with nitroglycerin ointment, 259
Denney, J. L., Frasher, W. G., and Hoytt, D. D., Clinical evaluation of drug therapy in hypertension, 169
Dennis, E., *see* Moyer, J. H., *et al.*, 33
Dermatology, some aspects of, in neurology, 441
Deviations, RT segment, in electrocardiograms of normal persons, 54
Diagnosis of penicillin allergy, skin testing methods employed in, 370
Diastolic hypertension, treatment of, with fixed combination of hypotensive drugs, 551
Diet, high cholesterol, effects of, alone and plus cortisone on phospholipid turnover and lipid partition in plasma, liver and aorta of rabbits, 427
Diet, low salt, of renal disease, beer in, 49
Digits, gangrene of, cryoglobulinemia associated with, 499
Donohue, W. L., *see* Bowden, D. H., 305
Dowling, H. F., *see* Hall, B., *et al.*, 73
see Lepper, M. H., *et al.*, 270
Dracos, F., *see* Foltz, E. L., *et al.*, 528
Drake, F. R., Current drug therapy of epilepsy, 98
Drug therapy, clinical evaluation of, in hypertension, 169
Dury, A., Effects of high cholesterol diet alone and plus cortisone on phospholipid turnover and lipid partition in plasma, liver and aorta of rabbits, 427

E

Economy, general, public health and fertility behavior, interacting effects of, on standards of living: I. Analytical approach leading to development of a country "situation index," 119
II. Quantitative evaluation of factors responsible for conditions in countries with similar situations, 484
III. Quantitative evaluation of component determinants with respect to raising or maintaining present standards, 605
Elderly state hospital patients, effect of heparin on cerebral blood flow of, 61
Electrocardiograms of normal persons, RT segment deviations in, 54
Electroencephalogram in cerebral atrophy, 178
Endocarditis, streptococcal, short-term therapy of, with penicillin and streptomycin, 73
Epilepsy, current drug therapy of, 98
Epithelial cells exfoliated from upper gastrointestinal tract of patients with pernicious anemia, simple achlorhydria and carcinoma of esophagus and stomach, 506
Erythromycin, clinical use of, 660
Esophagus and stomach, carcinoma of, pernicious anemia and simple achlorhydria, epithelial cells exfoliated from upper gastrointestinal tract of patients with, 506
distal, varices of, in apparent absence of portal and of superior caval hypertension, 515
Ethinamate and chloral, comparison of hypnotic effects of, 528
Etiological basis for homeostasis (hemorrhage and thrombosis), mechanism of action of heparin as, 276
Etiology, anemias of obscure, significance of Heinz bodies in, 143
Extrasystoles, ventricular retrograde conduction of, to atria, 293

F

Fabricant, N. D., Physiological approach to nasal medication, 436
Fazekas, J. F., Albert, S. N., and Alman, R. W., Influence of chlorpromazine and alcohol on cerebral hemodynamics and metabolism, 128
Felson, B., Lobes and interlobar pleura: fundamental Roentgen considerations, 572
Ferrandis, R. N., *see* Nodine, J. H., *et al.*, 397
Ferrous gluconate, toxicity of, 491
Fertility behavior, public health and general economy, interacting effects of, on standards of living, I. Analytical approach leading to development of a country "situation index," 119
II. Qualitative evaluation of factors responsible for conditions in countries with similar situations, 484
III. Quantitative evaluation of component determinants with respect to raising or maintaining present standards, 605

Fisher, B., Significance of Heinz bodies in anemias of obscure etiology, 143
Fisher, E. R., *see* Creed, D. L., *et al.*, 385
Foldes, F. F., *see* Swerdlow, M., *et al.*, 237
Foltz, E. L., Dracos, F., and Gruber, C. M., Jr., Comparison of hypnotic effects of chloral and ethinamate, 528
Forsyth, B. T., *see* Plough, I. C., *et al.*, 182
Frasher, W. G., *see* Denney, J. L., *et al.*, 169

G

Ganglionectomy, superior cervical, parotid pain following, clinical example of antagonistic action of parasympathetic and sympathetic systems, 65
Ganglionic blocking agents, comparative effects of four, on cardiovascular system of man, 133
Gangrene of digits, cryoglobulinemia associated with, 499
Gardner, W. J., and Abdullah, A. F., Parotid pain following superior cervical ganglionectomy: clinical example of antagonistic action of parasympathetic and sympathetic systems, 65
Gastric secretion, effects of reserpine and chlorpromazine on, 601
Gastrointestinal tract, upper, epithelial cells exfoliated from, of patients with pernicious anemia, simple achlorhydria and carcinoma of esophagus and stomach, 506
Glinsky, G. C., *see* Cohen, A. C., 70
Goldstein, F., *see* Waldron, J. M., *et al.*, 551
Gordon, J. E., *see* Pope, A. S., 317
Gout and hyperuricemia, osteogenesis imperfecta tarda with, 30
Graham, J. H., Simple micromethod for determination of bilirubin in plasma, 633
Greenstein, L., *see* Balestrieri, A., *et al.*, 178
Gregory, D. C., *see* Tuft, L., *et al.*, 370
Gregory, J., *see* Tuft, L., *et al.*, 370
Gruber, C. M., Jr., *see* Foltz, E. L., *et al.*, 528

H

Hall, B., Dowling, H. F., and Kellow, W., Successful short-term therapy of streptococcal endocarditis with penicillin and streptomycin, 73
Haverback, B. J., Stevenson, T. D., Sjoerdsma, A., and Terry, L. L., Effects of reserpine and chlorpromazine on gastric secretion, 601
Heinz bodies, significance of, in anemias of obscure etiology, 143
Hemodynamics, cerebral, and metabolism, influence of chlorpromazine and alcohol on, 128
Hemorrhage and thrombosis (homeostasis), mechanism of action of heparin as etiological basis for, 276
Hendricks, C. H., Quilligan, E. J., Sapirstein, L. A., Pultz, A. J., and Mandel, M. J., Simultaneous determination of cardiovascular-renal function in man by constant infusion technique, 648
Henshaw, P. S., *see* Langer, A., 119, 484, 605
Heparin, effect of, on cerebral blood flow of elderly state hospital patients, 61
mechanism of action of, as etiological basis for homeostasis (hemorrhage and thrombosis), 276
Hepatitis, acute viral, nitrogen balance in, 182
Herren, W. S., *see* Cotten, H. B., *et al.*, 408
Hervey, G. W., Hospital usage of blood, 251
Hildes, J. A., *see* Taylor, J. R., *et al.*, 536
Hoffman, M. J., *see* Ruberman, W., 197
Homeostasis (hemorrhage and thrombosis) mechanism of action of heparin as etiological basis for, 276
Hoppe, J. O., Marcelli, G. M. A., and Tainter, M. L., Toxicity of ferrous gluconate, 491
Toxicity of iron compounds, 558
Hormone treatment and certain sex factors in bronchogenic carcinoma, 157
Hospital usage of blood, 251
Hoytt, D. D., *see* Denney, J. L., *et al.*, 169
Hughes, W., *see* Moyer, J. H., *et al.*, 33
Human populations, impact of tuberculosis on, 317
volunteers, behavior of chimpanzee-avirulent poliomyelitis viruses in experimentally infected, 1
Hyaluronidase and renal calculi in poliomyelitis, 536
Hyperpotassemia, T waves in, 147
Hypertension, apparent absence of portal and of superior caval, varices of distal esophagus in, 515
clinical evaluation of drug therapy in, 169
diastolic, treatment of, with fixed combination of hypotensive drugs, 551
effect of oral reserpine on renal plasma flow in, 45
Rauwolfia serpentina in, 408
relationship of cirrhosis of liver to, 627
treatment of, with rauwolfia and adrenergic blockade, 33
Hyperuricemia and gout, osteogenesis imper-

fecta tarda with, 30
Hypnotic effects of chloral and ethinamate, comparison of, 528
Hyponatremia and morbidity following mitral valve surgery, effects of potassium and cortisone on, 392
Hypotension, chronic, and nephrotic syndrome associated with primary systemic amyloidosis, 299
Hypotensive agents, new combination of, clinical experience with, 415
drugs, treatment of diastolic hypertension with fixed combination of, 551

I

Infarction, myocardial, relationship of mortality from, to pathologic findings and age, 380
Infections, pulmonary, pathogenesis of, in poliomyelitis, 270
Infusion technique, constant, simultaneous determination of cardiovascular-renal function in man by, 648
Insufficiency, aortic, among young adults, 197
chronic coronary, pentaerythritol tetranitrate in, 254
Iron compounds, toxicity of, 538
Isoniazid-resistant tubercle bacilli in man, virulence of, 70

J

Jackson, G. G., *see* Lepper, M. H., *et al.*, 270
Jaundice in neonatal period, 305
Jenson, W. K., *see* Waldron, J. M., *et al.*, 551
Johnston, B., *see* Solomon, S., 660
Joyner, C., Jr., and Kuo, P. T., Effect of sitosterol administration upon serum cholesterol level and lipoprotein pattern, 636

K

Kaufman, L. W., and Wilson, G. S., Carcinoma of head of pancreas and periampullary region, 200
Kellow, W., *see* Hall, B., *et al.*, 73
Klapper, M. S., *see* Cotten, H. B., *et al.*, 408
Klayman, M. I., *see* Massey, B. W., 506
Kofman, S., *see* Lepper, M. H., *et al.*, 270
Krosnick, A., and Wasserman, F., Cardiac arrhythmias in older age group following thoracic surgery, 541
Kuo, P. T., *see* Joyner, C., Jr., 636

L

Labbe, R. F., *see* Aldrich, R. A., *et al.*, 675
Langer, A., and Henshaw, P. S., Interacting effects of public health, fertility behavior and general economy on standards of living. I. Analytical approach leading to development of a country "situation index," 119
II. Qualitative evaluation of factors responsible for conditions in countries with similar situations, 484
III. Quantitative evaluation of component determinants with respect to raising or maintaining present standards, 605
Lansbury, J., *see* Allen, G. E., *et al.*, 30
Leifer, P., and Batterman, R. C., Local cutaneous response of nicotinic acid and esters as diagnostic aid for rheumatoid arthritis, 657
Lepper, M. H., Szanto, P. B., Kofman, S., Jackson, G. G., and Dowling, H. F., Pathogenesis of pulmonary infections in poliomyelitis, 270
Levallorphan tartrate and Nisentil HCl (alphaprodine HCl), effects of, on respiration, 237
Lipase and serum amylase in mumps, 161
Lipid partition and phospholipid turnover in plasma, liver, and aorta of rabbits, effects of high cholesterol diet alone and plus cortisone on, 427
Lipoprotein pattern and serum cholesterol level, effect of sitosterol administration upon, 636
Lipshay, B., *see* Bruce, R. A., *et al.*, 392
Liver, cirrhosis of, relationship of, to hypertension, 627
plasma and aorta of rabbits, effects of high cholesterol diet alone and plus cortisone on phospholipid turnover and lipid partition in, 427
Lobeline based smoking deterrent, evaluation of, 9
Lobes and interlobar pleura: fundamental Roentgen considerations, 572
Loyke, H. F., Relationship of cirrhosis of liver to hypertension, 627

M

MacGibbon, J. B., Neurological complications following administration of sera, 520
Mandel, M. J., *see* Hendricks, C. H., *et al.*, 648

Marcelli, G. M. A., *see* Hoppe, J. O., *et al.*, 491, 558
Massey, B. W., and Klayman, M. I., Epithelial cells exfoliated from upper gastrointestinal tract of patients with pernicious anemia, simple achlorhydria, and carcinoma of esophagus and stomach, 506
McAdory, W. C., *see* Cotten, H. B., *et al.*, 408
McConn, R., *see* Moyer, J. H., *et al.*, 33
McGavack, T. H., Thyroid nodule: origin, evolution and disposition, 15
Mercaptomerin labeled with Hg^{203}, rectal absorption of, 622
Merendino, K. A., *see* Bruce, R. A., *et al.*, 392
Metabolism and cerebral hemodynamics, influence of chlorpromazine and alcohol on, 128
porphyrin, in childhood, 675
Metaraminol (Aramine): vasopressor agent: use in shock, 357
Michelson, A. L., *see* Rosenberg, H. N., 254
Micromethod, simple, for determination of bilirubin in plasma, 633
Mitral valve surgery, effects of potassium and cortisone on morbidity and hyponatremia following, 392
Morbidity and hyponatremia following mitral valve surgery, effects of potassium and cortisone on, 392
Mortality from myocardial infarction, relationship of, to pathologic findings and age, 380
Moyer, J. H., Hughes, W., Dennis, E., Beazley, H. L., and McConn, R., Combination of rauwolfia and adrenergic blockade in treatment of hypertension, 33
Mumps, serum amylase and lipase in, 161
Murphy, F. D., *see* Olmstead, E. G., *et al.*, 49
Myerson, R. M., and Stout, R. E., Cryglobulinemia associated with gangrene of digits, 499
Myocardial infarction, relationship of mortality from, to pathologic findings and age, 380

N

Nasal medication, physiological approach to, 436
Neonatal period, jaundice in, 305
Nephrotic syndrome and chronic hypotension associated with primary systemic amyloidosis, 299
Neurological complications following administration of sera, 520
Neurology, some aspects of dermatology in, 441
Nicotinic acid and esters, local cutaneous response of, as diagnostic aid for rheumatoid arthritis, 657
Nisentil HCl (alphaprodine HCl) and levallorphan tartrate, effects of, on respiration, 237
Nitrogen balance in acute viral hepatitis, 182
Nitroglycerin ointment, treatment of angina pectoris with, 259
Nodine, J. H., Perloff, W. H., Sopp, T. E., Ferrandis, R. N., and Albuquerque, D. de, Thyrotoxic remnant, 397
Nodule, thyroid: origin, evolution and disposition, 15
Normal persons, RT segment deviations in electrocardiograms of, 54

O

Olen, A. A., *see* Rapp, G. W., 9
Olmstead, E. G., Cassidy, J. E., and Murphy, F. D., Beer in low salt diet of renal disease, 49
Olson, K. B., Certain sex factors and hormone treatment in bronchogenic carcinoma, 157
Optic papilla, tumors of, 213
Osteogenesis imperfecta tarda with hyperuricemia and gout, 30

P

Page, I. H., *see* Schneckloth, R. E., 299
Palmer, E. D., and Brick, I. B., Varices of distal esophagus in apparent absence of portal and of superior caval hypertension, 515
Pancreas, carcinoma of head of, and periampullary region, 200
Papilla, optic, tumors of, 213
Parasympathetic and sympathetic systems, clinical example of antagonistic action of: parotid pain following superior cervical ganglionectomy, 65
Parotid pain following superior cervical ganglionectomy; clinical example of antagonistic action of parasympathetic and sympathetic systems, 65
Pathogenesis of pulmonary infections in poliomyelitis, 270
Penicillin allergy, evaluation of skin testing methods employed in diagnosis of, 370
and streptomycin, short-term therapy of streptococcal endocarditis, 73

Pentaerythritol tetranitrate in chronic coronary insufficiency, 254
Periampullary region and head of pancreas, carcinoma of, 200
Perloff, W. H., *see* Nodine, J. H., *et al.*, 397
Pernicious anemia, simple achlorhydria and carcinoma of esophagus and stomach, epithelial cells exfoliated from upper gastrointestinal tract of patients with, 506
Phospholipid turnover and lipid partition in plasma, liver, and aorta of rabbits, effects of high cholesterol diet alone and plus cortisone on, 427
Physiology, proceedings of the Physiological Society of Philadelphia, 108, 226, 465, 585
Plasma, simple micromethod for determination of bilirubin in, 633
flow, renal, in hypertension, effect of oral reserpine on, 45
liver and aorta of rabbits, effects of high cholesterol diet alone and plus cortisone on phospholipid turnover and lipid partition in, 427
Pleura, interlobar, and lobes: fundamental Roentgen considerations, 572
Plough, I. C., Forsyth, B. T., Teschan, P. E., and Sborov, V. M., Nitrogen balance in acute viral hepatitis, 182
Poliomyelitis, hyaluronidase and renal calculi in, 536
pathogenesis of pulmonary infections in, 270
viruses, behavior of chimpanzee-avirulent, in experimentally infected human volunteers, 1
Pope, A. S., and Gordon, J. E., Impact of tuberculosis on human populations, 317
Porphyrin metabolism in childhood, 675
Potassium and cortisone, effects of, on morbidity and hyponatremia following mitral valve surgery, 392
Public health, fertility behavior and general economy, interacting effects of, on standards of living: I. Analytical approach leading to development of a country "situation index," 119
II. Qualitative evaluation of factors responsible for conditions in countries with similar situations, 484
III. Quantitative evaluation of component determinants with respect to raising or maintaining present standards, 605
Pulmonary infections, pathogenesis of, in poliomyelitis, 270
Pultz, A. J., *see* Hendricks, C. H., *et al.*, 648

Q

Quickel, K. E., *see* Smith, C. W., *et al.*, 415
Quilligan, E. J., *see* Hendricks, C. H., *et al.*, 648

R

Rapp, G. W., and Olen, A. A., Evaluation of a lobeline based smoking deterrent, 9
Rauwolfia serpentina in hypertension, 408
and adrenergic blockade, combination of, in treatment of hypertension, 33
Rectal absorption of mercaptomerin labeled with Hg^{203}, 622
Reinhardt, D. J., III, *see* Waldron, J. M., *et al.*, 551
Renal calculi and hyaluronidase in poliomyelitis, 536
cardiovascular functions in man, simultaneous determination of, by constant infusion technique, 648
disease, beer in low salt diet of, 49
plasma flow in hypertension, effect of oral reserpine on, 45
Research, clinical, cultivation and coordination of, 477
Reserpine, oral, effect of, on renal plasma flow in hypertension, 45
and chlorpromazine, effects of, on gastric secretion, 601
Respiration, effects of Nisentil HCl (alphaprodine HCl) and levallorphan tartrate on, 237

Reviews (Reviewers' initials in parentheses):

Albritton, E. C. (Ed.), Standard Values in Nutrition and Metabolism (R. K.), 235
Alexander, H. L., Reactions with Drug Therapy (R. K.), 232
Alexander, T., The Adult-Child Interaction Test: A Projective Test for Use in Research (O. E.), 590
Allen, E. V., Barker, N. W., and Hines, E. A., Jr., Peripheral Vascular Diseases, 2nd ed. (N. L.) 470
American Public Health Association, Committee on Child Health, Health Supervision of Young Children (R. O.), 472
Arnold, O. H., Schizophrener Prozess und Schizophrene Symptom-Gesetze (S. H.), 715
Aylett, S., Surgery of the Caecum and Colon (G. R.), 114
Bailey, C. P., Surgery of the Heart (G. R.), 230
Barschneider, M., Kleines Diagnostikon. Differentialdiagnose Klinischer Symptome, 9th and 10th ed. (R. K.), 236

Begg, R. W. (Ed.), Canadian Cancer Conference, Vol. I (V. M.), 714
Behringwerk-Mitteilungen, Heft 29. Hunderjahrfeier der Geburtstage von Paul Ehrlich und Emil von Behring in Frankfurt-Main, Marburg-Lahn und Hoechst (R. K.), 474
Bendick, A. J., Diagnostic Advances in Gastrointestinal Roentgenology (H. W.), 115
Best, C. H., and Taylor, N. B., The Physiological Basis of Medical Practice, 6th ed. (R. K.), 233
Bethell, F. H., Chow, B. F., Davidson, C. S., Deuel, H. J., Jr., Ingle, D. J., Kirk, J. E., Lansing, A. I., Long, C. N. H., Rafsky, H. A., and Shock, N. W., Symposium on Problems of Gerontology (R. K.), 355
Bett, W. R., Howells, L. H., and MacDonald, A. D., Amphetamine in Clinical Medicine, Actions and Uses (C. S.), 599
Birch, C. A. (Ed.), Emergencies in Medical Practice, 4th ed. (R. K.), 234
Bleuler, M., Endokrinologische Psychiatrie (R. K.), 469
Blount, W. P., Fractures in Children (A. S.), 595
Bourne, A. W., A Synopsis of Obstetrics and Gynaecology, 11th ed. (J. W.), 116
British Medical Journal, Any Questions? (R. K.), 474
Burch, G. E., and Winsor, T., A Primer of Electrocardiography, 3rd ed. (R. K.), 476
Burger, M., Klinische Fehldiagnosen, 2nd ed. (R. K.), 116
Burger, M., Angiopathia diabetica (R. K.), 355
Burke, R. M., An Historical Chronology of Tuberculosis, 2nd ed. (C. Z.), 716
Cantarow, A., and Trumper, M., Clinical Biochemistry, 5th ed. (R. K.), 716
Cartwright, G. E., Diagnostic Laboratory Hematology (C. Z.), 111
Chandler, A. C., Introduction to Parasitology with Special Reference to the Parasites of Man, 9th ed. (R. K.), 476
Cohen, I. B., Benjamin Franklin. Some Account of the Pennsylvania Hospital (E. K.), 593
Colowick, S., Lazarow, A., Racker, E., Schwarz, D. R., Stadtman, E., and Waelsch, H. (Eds.), Glutathione (C. Z.), 235
Conybeare, J., and Mann, W. N. (Eds), Textbook of Medicine, 11th ed. (R. K.), 299
Cooper, L. F., and Erickson, M. H., Time Distortion in Hypnosis (O. E.), 474
Davidoff, L. M., and Epstein, B. S., The Abnormal Pneumoencephalogram, 2nd ed. (M. S.), 592
Davidson, L. S. P. (Ed.), The Principles and Practice of Medicine, 2nd ed. (R. K.), 118
Debre, R., and 16 Contributors, Poliomyelitis (R. H.), 590
Deutsch, F., and Murphy, W. F., The Clinical Interview, Vol. 1: Diagnosis and Vol. 2: Therapy (O. E.), 229 and 597
Deutschberger, O., Fluoroscopy in Diagnostic Roentgenology (H. S.), 591
Drill, V. A. (Ed.), Pharmacology in Medicine (R. B.), 113
Eissler, K. R., The Psychiatrist and the Dying Patient (O. E.), 594
Farquharson, E. L., Textbook of Operative Surgery (G. R.), 230
Faust, E. C., Animal Agents and Vectors of Human Disease (R. K.), 231
Fishbein, M. (Ed.), 1955 Medical Progress (J. Z.), 475
Fleming, A. J., D'Alonzo, C. A., and Zapp, J. A. (Eds.), Modern Occupational Medicine (R. K.), 111
Friedman, R., A History of Dermatology in Philadelphia (S. R.), 594
Fulton, J. F. (Ed.), A Textbook of Physiology, 17th ed. (M. O.), 470
Gebauer, A., and Schanen, A., Das Transversale Schichtverfahren (R. K.), 469
Greenstein, J. P., Biochemistry of Cancer, 2nd ed. (E. A.), 111
Griffith, J. Q., Jr., Krewson, C. F., and Naghski, J., Rutin and Related Flavonoids (L. S.), 471
Gurd, F. N. (Ed.), Chemical Specificity in Biological Interactions (C. Z.), 115
Hardy, J. D., Fluid Therapy (R. K.), 112
Harris, L. J., Vitamins in Theory and Practice, 4th ed. (C. S.), 589
Harrison, T. R., Adams, R. D., Bresson, P. B., Resnik, W. H., Thorn, G. W., and Wintrobe, M. M. (Eds.), Principles of Internal Medicine, 2nd ed. (R. K.), 113
Hauss, W. H., Angina Pectoris (H. R.), 230
Hawk, P. B., Oser, B. L., and Summerson, W. H., Practical Physiological Chemistry, 13th ed. (C. Z.), 113
Hettche, H. O., Atiologie, Pathogenese und Prophylaxe der Struma (R. K.), 355
Hill, L. B., Psychotherapeutic Intervention in Schizophrenia (O. E.), 591
Hoffbauer, F. W. (Ed.), Liver Injury (H. S.), 591
Holstein, M. H., Biology of Anopheles Gambiae (R. K.), 474
Homburger, F., The Medical Care of the Aged and Chronically Ill (R. K.), 235
Hooker, D., and Hare, C. C. (Eds.), Genetics and the Inheritance of Integrated Neurological and Psychiatric Patterns (O. E.), 233
Hunt, E., Diseases Affecting the Vulva (J. W.), 354
Isenschmid, R., Glanzmann, E., Berger, H., and Gordonoff, T., Pharmakotherapie des Fiebers und der Fieberhaften Affektionen (R. K.), 234
Janzen, R., Tonnis, W., Reischauer, F., Parade, G., Krenkel, E., Zulch, K. J., Metz, U., Morgenstern, V., Weber, W., Kuhlendahl, H., Hensell, V., Felten, H., and Zukschwerdt, L., Die cervikalen Vertebral-Syndrome (E. S.), 715
Johnston, J. E., Faires, R. A., and Millet, R. J. (Eds.), Radioisotope Conference, 1954, Vol. 1, Medical and Physiological Applications, Vol. 2 Physical Sciences and Industrial Applications (R. R.), 592
Kallos, P. (Ed.), Progress in Allergy, Vol. 4 (R. K.), 469
Keefer, C. S., and Leard, S. E., Prolonged and Perplexing Fevers (R. K.), 715
Kekwick, R. A., and Mackay, M. E., The Separation of Protein Fractions from Human Plasma with Ether (C. Z.), 235
Kelly, F. C., and Hite, K. E., Microbiology, 2nd ed. (E. S.), 600
Kerr, J. M. M., Johnstone, R. W., and Phillips, M. H. (Eds.), Historical Review of British Obstetrics and Gynaecology, 1800–1950 (J. W.), 112

Kitching, J. A. (Ed.), Recent Developments in Cell Physiology (M. O.), 114
Klensch, H., Einfuhrung in die biologische Registriertechnik (R. K.), 354
Klyne, W. (Ed.), Progress in Stereochemistry, Vol. I (R. B.), 470
Knipping, H. W., Bolt, W., Valentin, H., and Venrath, H., Untersuchung und Beurteilung des Herzkranken (H. R.), 714
Lewis, A. A. G., Wolstenholme, G. E. W., and Etherington, J. (Eds.), Ciba Foundation Symposium on The Kidney (C. Z.), 229
Ling, T. M. (Ed.), Mental Health and Human Relations in Industry (O. E.), 598
Little, C. C., Genetics, Biological Individuality and Cancer (E. A.), 117
Llombart, A., and Gastaminza, U., Lucha Contra el Cancer (R. B-W.), 111
Lob, A., Die Wirbelsaulenverletzungen und ihre Ausheilung (R. K.), 354
Loepp, W., and Lorenz, R., Rontgendiagnostik des Schadels (R. K.), 599
Macintosh, R. R., and Mushin, W. W., Local Analgesia: Brachial Plexus (L. K.), 356
Mackay, R. P., Wortis, S. B., and Bailey, P. (Eds.), The Year Book of Neurology, Psychiatry and Neurosurgery, 1954–1955 Series (M. S.), 475
Major, R. H., A History of Medicine (R. K.), 115
Maloney, W. J., George and John Armstrong of Castleton (E. K.), 232
Mann, T., The Biochemistry of Semen (R. B.), 598
Martin, G. J., Ion Exchange and Adsorption Agents in Medicine (J. Z.), 470
Mayo, C. W., Surgery of the Small and Large Intestine (G. R.), 471
McCarthy, D. J., and Corrin, K. M., Medical Treatment of Mental Disease (O. E.), 113
Merritt, H. H., A Textbook of Neurology (S. G.), 592
Miller, C. M., and Ellenbogen, B. K., A Therapeutic Index (I. G.), 599
Modell, W. (Ed.), Drugs in Current Use, 1955 (R. K.), 474
Monrad-Krohn, G. H., The Clinical Examination of the Nervous System, 10th ed. (S. G.), 597
Morgan, R. H., and Corrigan, K. E. (Eds.), Handbook of Radiology (H. S.), 472
Murphy, J. P., Cerebrovascular Disease (M. S.), 590
Nabarro, J. D., Biochemical Investigations in Diagnosis and Treatment (C. Z.), 116
Obermayer, M. E., Psychocutaneous Medicine (H. B.), 595
Ochsner, A., and DeBakey, M. E. (Eds.), Christopher's Minor Surgery, 7th ed. (G. R.), 469
O'Neill, D. (Ed.), Modern Trends in Psychosomatic Medicine (E. W.), 596
Paton, J. M., The Adopted Break Silence (O. E.), 472
Payne, M., I Cured My Cancer (H. S.), 599
Podolsky, E., Management of Addictions (O. E.), 590
Pomerat, C. M. (Ed.), Tissue Culture Technique in Pharmacology (R. S.), 473
Proceedings of the First World Conference on Medical Education (R. K.), 114
Pullen, R. L. (Ed.), Pulmonary Diseases (R. K.), 230
Pulver, W., Der Scharlach und seine Behandlung (R. K.), 474
Reindell, H., Schildge, E., Klepzig, H., and Kirchhoff, H. W., Kreislaufregulation (H. R.), 598
Ricketts, H. T., Diabetes Mellitus: Objectives and Methods of Treatment (C. S.), 473
Sachs, E., Prerequisites of Good Teaching and Other Essays (R. K.), 475
Schiff, L., Clinical Approach to Jaundice (H. S.), 589
Schifferes, J. J., Healthier Living (O. E.), 115
Schmaltz, G., Komplexe Psychologie und korperliches Symptom (S. H.), 599
Schnitzer, R. J., and 12 Other Scientists, Paul Ehrlich Centennial (R. K.), 355
Sebrell, W. H., Jr., and Harris, R. S. (Eds.), The Vitamins. Chemistry, Physiology, Pathology, Vol. II and Vol. III (R. K.), 117
Seddon H. J. (Ed.), Peripheral Nerve Injuries (M. S.), 472
Seifert, E., Leitfaden der ortlichen Betaubung (E. C.), 597
Selye, H., and Heuser, G., Fourth Annual Report on Stress (W. P.), 598
Singer, M., and Yakovlev, P. I., The Human Brain in Sagittal Section (D. K.), 234
Smith, K. M., and Lauffer, M. A. (Eds.), Advances in Virus Research, Vol. II (C. Z.), 233
Smith, L. DS., Introduction to the Pathogenic Anaerobes (E. S.), 234
Sorsby, A. (Ed.), Modern Trends in Ophthalmology, 3rd ed. (G. G.), 595
Spector, H., Peterson, M. S., and Friedemann, T. E. (Eds.), Methods for Evaluation of Nutritional Adequacy and Status (C. S.), 591
Standard, S., and Nathan, H. (Eds.), Should the Patient Know the Truth? (O. E.), 589
Tainter, M. L., Almy, T. P., and others, The Colon: Its Normal and Abnormal Physiology and Therapeutics (R. K.), 473
Teschendorf, W., Lehrbuch der Rontgenologischen Differentialdiagnostik, Vol. 2, 3rd ed. (H. R.), 596
Thienes, C. H., and Haley, T. J., Clinical Toxicology, 3rd ed. (D. C.), 715
Top, F. H., and Collaborators, Communicable Diseases, 3rd ed. (R. K.), 475
Twiss, J. R., and Oppenheim, E., Practical Management of Disorders of the Liver, Pancreas, and Biliary Tract (S. B.), 231
Undritz, E. (Ed.), Sandoz Atlas of Haematology (C. Z.), 354
United Nations Food and Agricultural Organization, Rice and Rice Diets (G. F.), 236
United States Army Medical Department, Surgery in World War II. The Physiological Effects of Wounds by the Board for the Study of the Severely Wounded (C. Z.), 117
United States Naval Medical School, Color Atlas of Pathology, Vol. II (R. K.), 114
Vaughan, W. T., and Black, J. H., Practice of Allergy, 3rd ed. (R. K.), 233
Wagner, R., Probleme und Beispiele biologischer Regelung (R. K.), 475
Wakeley, C. (Ed.), Modern Treatment Yearbook, 1955, 21st ed. (R. K.), 475
Waksman, S. A., My Life with the Microbes (E. S.), 229

Walker, K., Sexual Disorders in the Male, 4th ed. (K. C.), 356
Widdowson, E. M., and McCance, R. A., Studies on the Nutritive Value of Bread and on the Effect of Variations in the Extraction Rate of Flour on the Growth of Undernourished Children (C. S.), 355
Wolstenholme, G. E. W., and Cameron, M. P. (Eds.), Ciba Foundation Symposium on Leukemia Research (C. Z.), 112
World Health Organization Bulletin, Vol. 10, No. 5, Rabies (R. K.), 474
World Health Organization Monograph Series No. 23, Laboratory Techniques in Rabies (R. K.), 473
Wright, I. S., Marple, C. D., and Beck, D. F., Myocardial Infarction (G. M.), 589
Yonkman, F. F., Mohr, F. L., Graeme, J. L., and Others, Reserpine in the Treatment of Neuropsychiatric, Neurological, and Related Clinical Problems (R. K.), 715

Rheumatoid arthritis, local cutaneous response of nicotinic acid and esters as diagnostic aid for, 657
Roentgen considerations, fundamental: lobes and interlobar pleura, 572
Rogers, F. B., *see* Allen, G. E., *et al.*, 30
Rosenberg, H. N., and Michelson, A. L., Pentaerythritol tetranitrate in chronic coronary insufficiency, 254
RT segment deviations in electrocardiograms of normal persons, 54
Ruberman, W., and Hoffman, M. J., Aortic insufficiency among young adults, 197

S

Sabin, A. B., Behavior of chimpanzee-avirulent poliomyelitis viruses in experimentally infected human volunteers, 1
Salt diet, low, of renal disease, beer in, 49
Sapirstein, L. A., *see* Hendricks, C. H., *et al.*, 648
Sborov, V. M., *see* Plough, I. C., *et al.*, 182
Scherf, D., *see* Bussan, R., *et al.*, 293
Schneckloth, R. E., and Page, I. H., Nephrotic syndrome and chronic hypotension associated with primary systemic amyloidosis, 299
Schwarz, J., *see* Baum, G. L., 82
Sera, administration of, neurological complications following, 520
Serum amylase and lipase in mumps, 161
cholesterol level and lipoprotein pattern, effect of sitosterol administration upon, 636
Sex factors and hormone treatment in bronchogenic carcinoma, 157
Shock, use in, vasopressor agent: metaraminol (Aramine), 357
Siker, E. S., *see* Swerdlow, M., *et al.*, 237
Sitosterol administration, effect of, upon serum cholesterol level and lipoprotein pattern, 636
Situation index, analytic approach leading to development of a country: interacting effects of public health, fertility behavior and general economy on standards of living, 119
Sjoerdsma, A., *see* Haverback, B. J., *et al.*, 601
Skin testing methods employed in diagnosis of penicillin allergy, evaluation of, 370
Smart, T. B., and Bruce, R. A., Relationship of mortality from myocardial infarction to pathologic findings and age, 380
Smith, C. W., Quickel, K. E., Brown, A. E., and Thomas, C. G., Clinical experience with new combination of hypotensive agents, 415
Smith, F. E., Jr., *see* Andreae, E., 45
Smoking deterrent, lobeline based, evaluation of, 9
Solomon, S., and Johnston, B., Clinical use of erythromycin, 660
Sopp, T. E., *see* Nodine, J. H., *et al.*, 397
Standards of living, interacting effects of public health, fertility behavior and general economy on: analytical approach leading to development of a situation index, 119
II. Qualitative evaluation of factors responsible for conditions in countries with similar situations, 484
III. Quantitative evaluation of component determinants with respect to raising or maintaining present standards, 605
Stern, A. B., *see* Collens, W. S., *et al.*, 190
Stevenson, T. D., *see* Haverback, B. J., *et al.*, 601
Stomach and esophagus, carcinoma of, pernicious anemia and simple achlorhydria, epithelial cells exfoliated from upper gastrointestinal tract of patients with, 506
Stout, R. E., *see* Myerson, R. M., 499
Strauss, H., *see* Balestrieri, A., *et al.*, 178
Streptococcal endocarditis, short-term therapy of, with penicillin and streptomycin, 73
Streptomycin and penicillin, short-term therapy of streptococcal endocarditis, 73
Surawicz, B., *see* Braun, H. A., *et al.*, 147
Surgery, mitral valve, effects of potassium and cortisone on morbidity and hyponatremia following, 392
thoracic, cardiac arrhythmias in older age group following, 541

Swerdlow, M., Foldes, F. F., and Siker, E. S., Effects of Nisentil HCl (alphaprodine HCl) and levallorphan tartrate on respiration, 237
Sympathetic and parasympathetic systems, clinical example of antagonistic action of: parotid pain following superior cervical ganglionectomy, 65
Syndrome, nephrotic, and chronic hypotension with primary systemic amyloidosis, 299
Szanto, P. B., *see* Lepper, M. H., *et al.*, 270

T

T waves in hyperpotassemia, 147
Tainter, M. L., *see* Hoppe, J. O., *et al.*, 491, 558
Talley, R. W., Effect of heparin on cerebral blood flow of elderly state hospital patients, 61
Talman, E. L., *see* Aldrich, R. A., *et al.*, 675
Taylor, J. R., Alcock, A. J. W., and Hildes, J. A., Hyaluronidase and renal calculi in poliomyelitis, 536
Terry, L. L., *see* Haverback, B. J., *et al.*, 601
Teschan, P. E., *see* Plough, I. C., *et al.*, 182
Thomas, C. G., *see* Smith, C. W., *et al.*, 415
Thoracic surgery, cardiac arrhythmias in older age group following, 541
Thrombosis and hemorrhage (homeostasis), mechanism of action of heparin as etiological basis for, 276
Thyroid nodule: origin, evolution and disposition, 15
Thyrotoxic remnant, 397
Torin, S., *see* Bussan, R., *et al.*, 293
Toxicity of iron compounds, 558
of ferrous gluconate, 491
Treadmill, motorized: method for quantitating intermittent claudication, 190
Tubercle bacilli, isoniazid-resistant, in man, virulence of, 70
Tuberculosis, impact of, on human populations, 317
Tuft, L., Gregory, D. C., and Gregory, J., Evaluation of skin testing methods employed in diagnosis of penicillin allergy, 370
Tumors of optic papilla, 213

V

Varices of distal esophagus in apparent absence of portal and of superior caval hypertension, 515
Vasopressor agent: metaraminol (Aramine): use in shock, 357
Ventricular extrasystoles, retrograde conduction of, to atria, 293
Viral hepatitis, acute, nitrogen balance in, 182
Virulence of isoniazid-resistant tubercle bacilli in man, 70
Viruses, poliomyelitis, behavior of chimpanzee-avirulent, in experimentally infected human volunteers, 1

W

Wagener, H. P., Tumors of optic papilla, 213
Waldron, J. M., Reinhardt, D. J., Jenson, W. K., and Goldstein, F., Treatment of diastolic hypertension with fixed combination of hypotensive drugs, 551
Wall, J. A., Five-year survey of literature in cancer of cervix, 698
Warren, W. R., Serum amylase and lipase in mumps, 161
Wasserman, F., *see* Krosnick, A., 541
Waves, T, in hyperpotassemia, 147
Weil, M. H., Vasopressor agent: metaraminol (Aramine): use in shock, 357
Weinsaft, P. P., and Bernstein, L. H. T., Cobaltous chloride in treatment of certain refractory anemias, 264
Wiesel, B. H., *see* Davis, J. A., 259
Williams, R. H., Cultivation and coordination of clinical research, 477
Wilson, G. S., *see* Kaufman, L. W., 200
Winsor, T., Comparative effects of four ganglionic blocking agents on cardiovascular system of man, 133